In the Claims

Please delete Claims 1-13 and 30-36, and amend Claims 14 and 16 as follows:

14. (Currently Amended) A power conversion device capable of receiving either an AC input voltage or a DC input voltage and generating a programmable DC output voltage, said device comprising:

a first circuit converting an AC input voltage to a <u>first</u> predetermined DC [first] output voltage;

a second circuit converting a DC input voltage to a <u>second fixed</u> [predetermined] DC output voltage <u>even when said DC input voltage varies</u>, <u>wherein said second circuit includes a DC-to-DC up converter</u>; and

a third circuit receiving said first and second predetermined DC voltages from first and second circuits and generating a selectable output DC voltage.

- 15. (Original) The device as recited in claim 14 wherein said first circuit includes a switching device, wherein said switching device is an AC line switcher.
- (Currently Amended) The device as recited in claim 14 wherein said first and second predetermined DC voltages are fixed voltages.
- (Original) The device as recited in claim 14 wherein said third circuit includes a DC-to-DC down converter providing a selectable output DC voltage.
- 18. (Original) The device as recited in claim 14 wherein said first and second predetermined voltages provided by said first and second circuit are generally the same value and are provided to a common node feeding said third circuit.
- (Original) The device as recited in claim 17 wherein said selectable output DC voltage can be set to be higher than said input DC voltage.
- (Original) The device as recited in claim 14 wherein said third circuit is adapted to couple to a plurality of removable programming keys, said keys providing different associated DC output voltages.

2 101950-00140

- 21. (Original) The device as recited in claim 20 wherein said key is a resistor, said predetermined DC output voltage being a function of said resistor value.
- (Original) The device as recited in claim 20 wherein said key establishes an output current limiting function.
- (Original) The device as recited in claim 20 wherein said key establishes an overvoltage protection function.
- 24. (Original) The device as recited in claim 20 wherein said key establishes a output voltage function.
- (Original) The device as recited in claim 20 wherein said key establishes a wrong-tip function.
- (Original) The device as recited in claim 14 wherein said third circuit includes a thermal-protection function.
- (Original) The device as recited in claim 14 wherein said DC output voltage provided by said third circuit is between 3VDC and 24VDC.
- 28. (Original) The device as recited in claim 17 wherein said up-converter and said down-converter are coupled in a master/slave configuration.
- (Original) The device as recited in claim 28 wherein said up-converter and said down-converter are configured in a standard boost/buck topology.
- 37. (New) The device as specified in Claim 17 wherein the DC-to-DC up-converter and the DC-to-DC down-converter are both switching converters.
- 38. (New) The device as specified in Claim 28 wherein said up-converter and said down-converter operate at the same frequency.
- (New) The device as specified in Claim 27 wherein said second circuit is adapted to accept said DC input voltage between 11 VDC and 16 VDC.
- 40. (New) The device as specified in Claim 21 wherein said resistor is housed in a plug-in module.

3 101950-00140